

26/10/2015

الأسبوع

م.م

سأشبه [3]

Sheet 2

2) e)  $| 1^*(0+01)^*$

f)  $1^*0^*(1/\epsilon)0^* = 1^*0^*(1+0^*)$

h) تصحيح  $(1+0)^* |$

no vowels

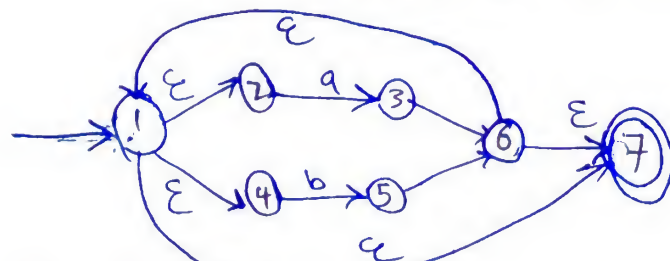
i)  $L^*a(L+a)^*e(L+e)^*i(L+i)^*o(L+o)^*u(L+u)^*$

j)  $|^*(L^*"*/"")^* */$  let  $= "*/"$

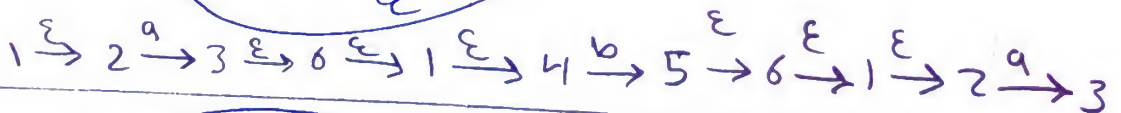
$\Rightarrow |^*(L^*c^*)^* */ = |^*(L+c)^* */$

---> Sheet 3 <---

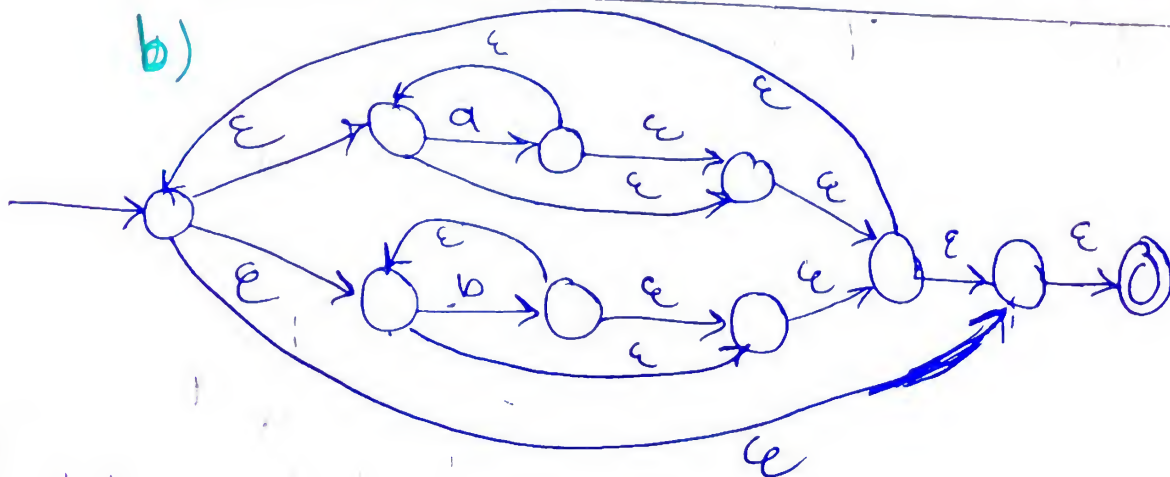
1) a)



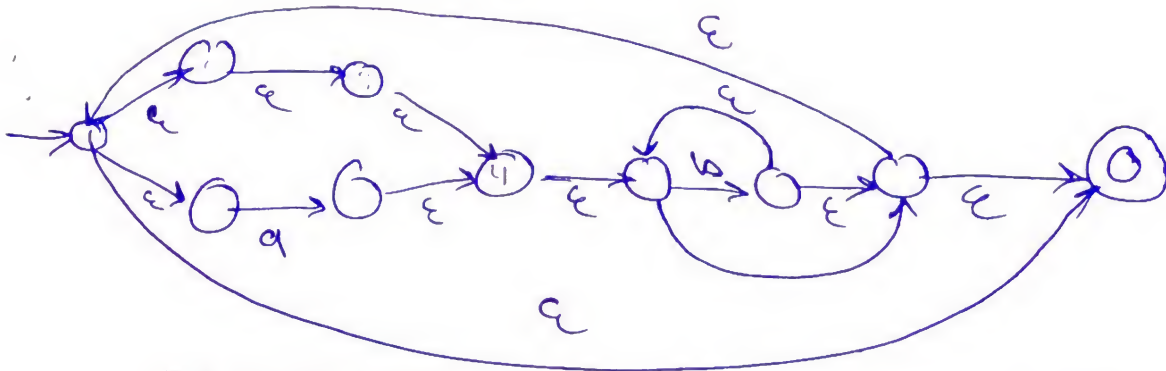
$(a+b)^*$



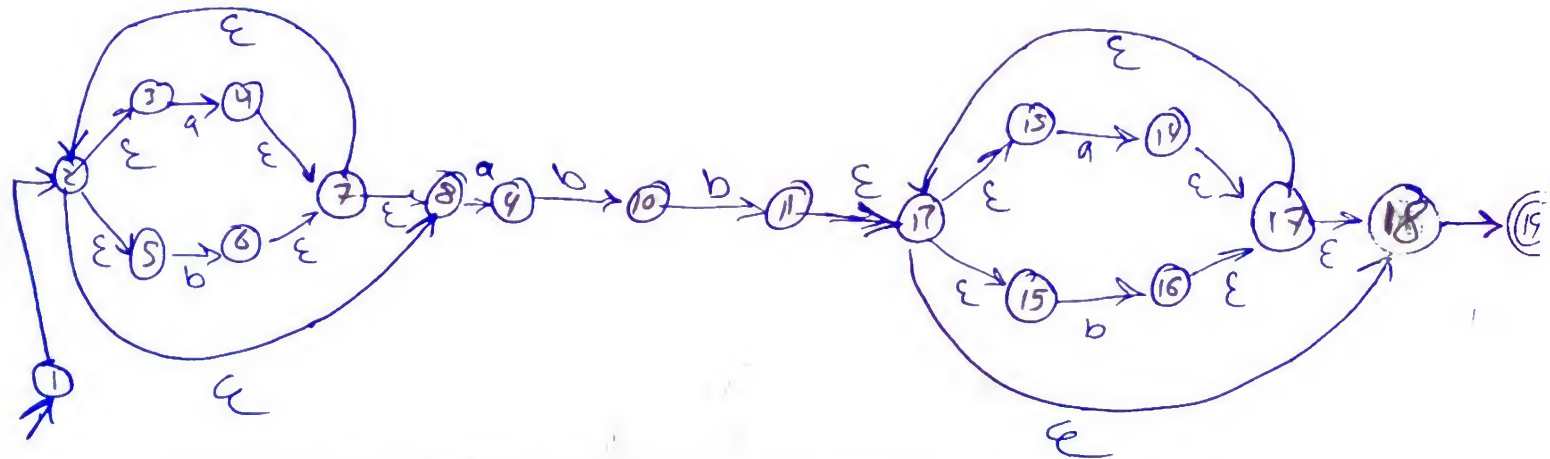
b)



c)  $((\epsilon + a)b^*)^*$

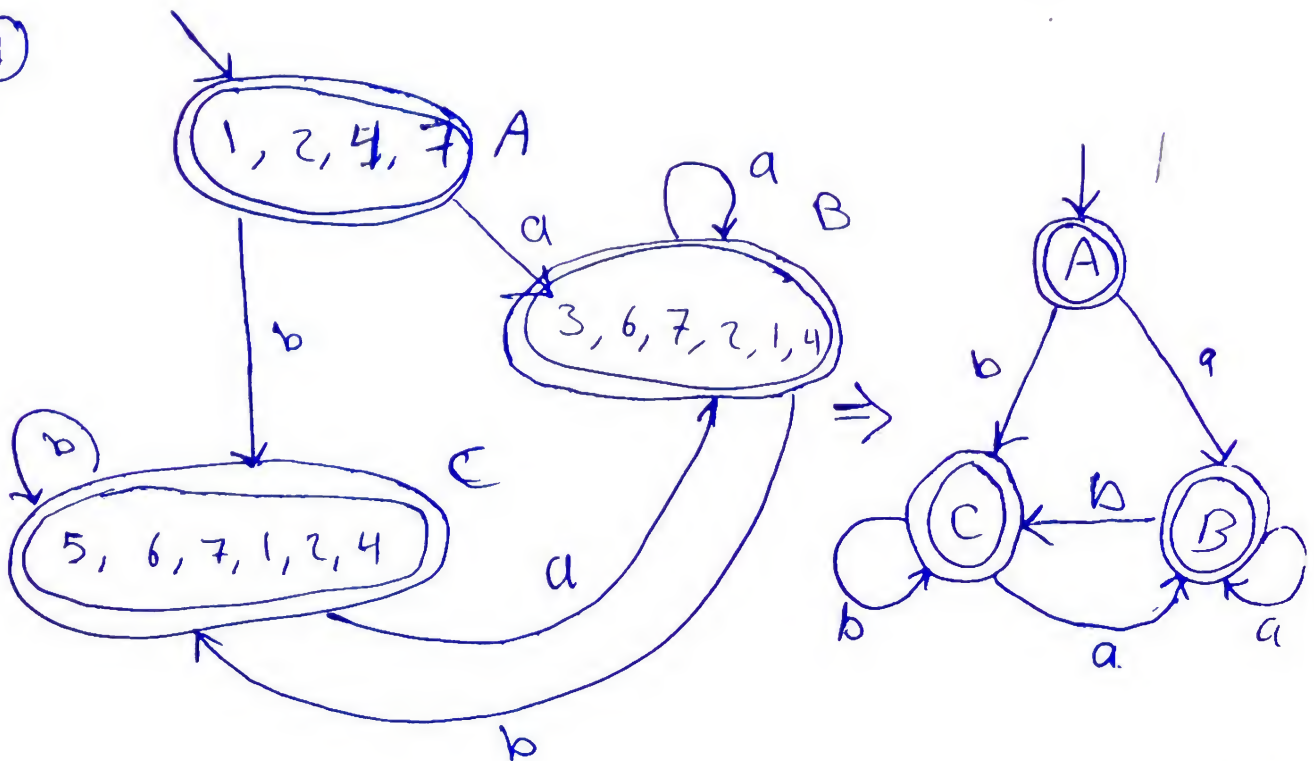


d)  $(a + b)^* a b b (a + b)^*$



[3]

①



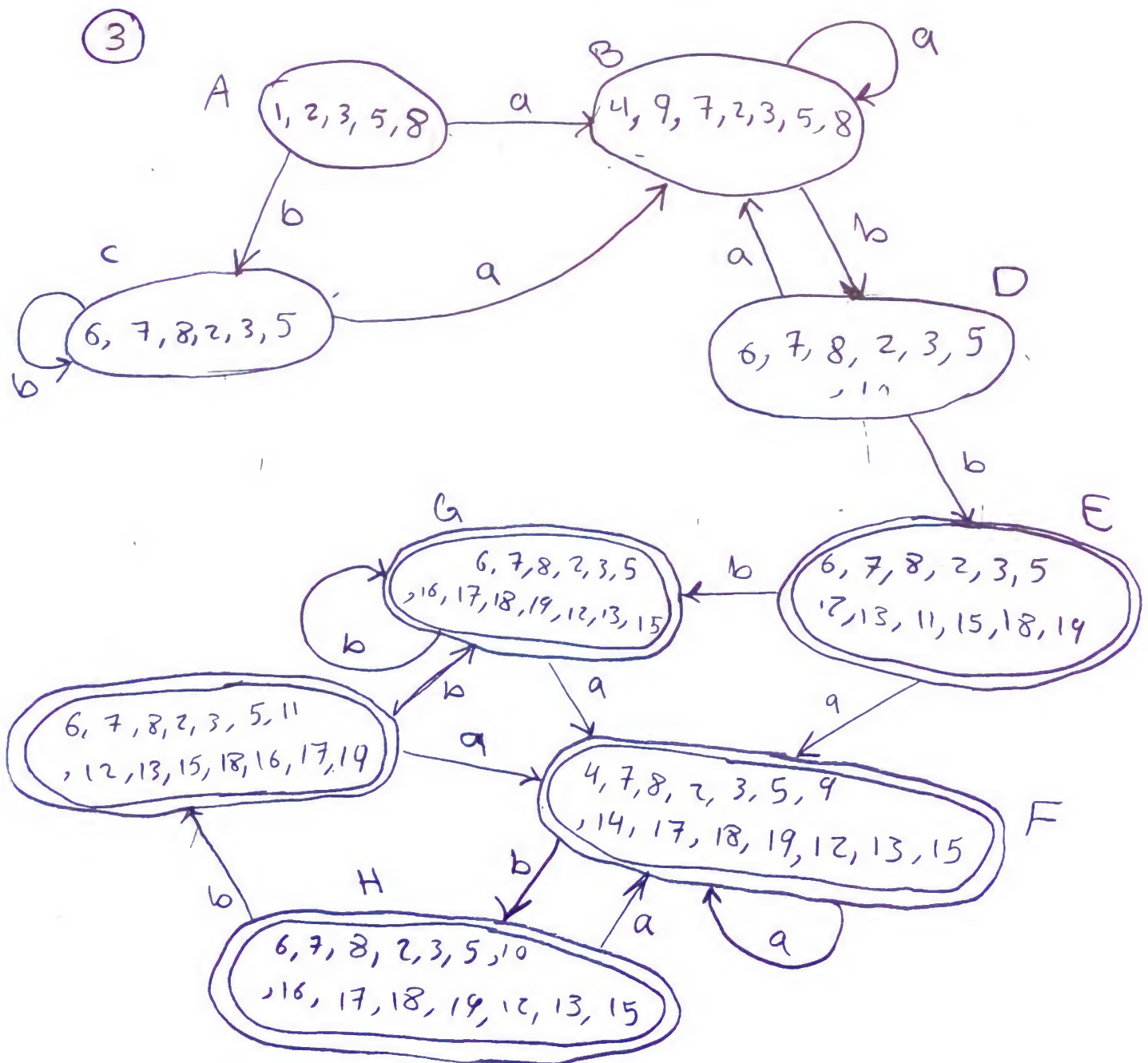
[2]

$$B = \epsilon\text{-Closure}(A, (a))$$

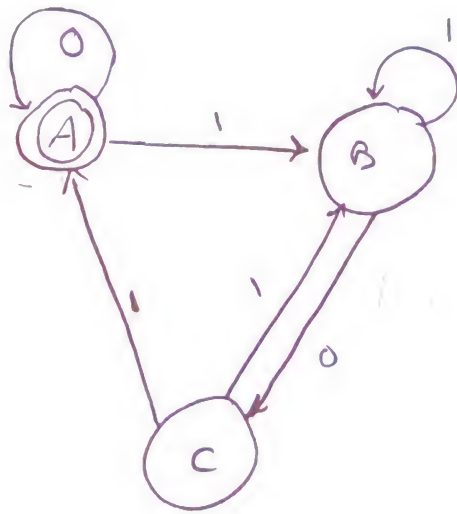
$$= \{3, 6, 7, 2, 1, 4\}$$

$$C = \epsilon\text{-Closure}(A, (b))$$

$$= \{5, 6, 7, 1, 2, 4\}$$



2



$$\text{RegEx.} = (0 + 1(1 + 01)^*01)^*$$

$$(0^* + 0^*1^+(01^*)^+1)^*$$

هذا فاضل رنة

يقبل ال String

1011

وصي مرفوضه فيما ال NFA

المرفوضه